

## ABSTRACT OF DISCLOSURE

A compact self-ballasted fluorescent lamp includes an arc tube in which a phosphor layer is formed on an inner surface of a double spiral glass tube formed into a double spiral. The phosphor layer is formed by a process of injecting a suspension for forming the phosphor layer into the double spiral glass tube; a process of coating the inner surface of the double spiral glass tube with the suspension; a process of draining the suspension from the double spiral glass tube; a process of preliminarily drying the suspension until the suspension no longer flows according to self weight, while rotating the double spiral glass tube in a state in which a spiral axis of the double spiral glass tube is at an angle of 100 degrees with respect to a vertical axis and a turning part of the double spiral glass tube is downward; and process of completely drying the partially dried double spiral glass tube.